

Hollywood Primary School

Design and Technology Policy

Introduction

At Hollywood Primary School we are committed to providing all children with learning opportunities to engage in design and technology.

This policy outlines the purpose, nature and management of the design and technology taught in our school. The policy reflects the work of the teaching staff and has been compiled by the Design and Technology Co-ordinator.

The implementation of this policy is the responsibility of the Design and Technology Co-ordinator and all class teachers.

Value of Design Technology

Design and technology is about designing and making products for a specific need or purpose. It involves children learning about the world we live in and developing a wide range of skills through designing and making. It helps children learn vital skills such as how to think through problems creatively, how to organise themselves and how to work with knowledge and practical skills to bring about change and to shape the environment. Through design and technology children become discriminating, informed users of products and become innovators.

Aims of Design Technology

The objectives of teaching design and technology are:

- To develop imaginative thinking in children and to enable them to talk about what they like and dislike when designing and making things;
- To enable children to talk about how things work, and to draw and model their ideas;
- To encourage children to select appropriate tools and techniques for making a product, whilst following safe procedures;
- To explore attitudes towards the made world and how we live and work within it;
- To develop an understanding of technological processes and products, their manufacture and their contribution to our society;
- To foster enjoyment, satisfaction and purpose in designing and making things.

Implementing design and technology

Planning

- A scheme of work for Key stages 1 and 2 following the updated 2014 national curriculum is used as a basis for planning for D&T in the long and the short term.
- One unit of work is planned and undertaken each term within the creative curriculum.
- Children in their designing and making will apply knowledge and skills of: textiles, food, mechanisms and structures.
- In the foundation stage weekly designing and making and construction activities are made available for child initiated development and learning and there will be some teacher led activities throughout the term.

Links with other subjects and key skills

- Design and technology provides a natural opportunity for children to practice and improve basic skills such as speaking and listening, literacy and numeracy.
- Assignments aim to develop key skills such as creative problem solving, working with others and communication skills.
- Through evaluating the process and their final products children will be encouraged to improve their own learning and performance.
- Children will apply knowledge and skills from art and design, science, computing, English and mathematics in design and technology, enhanced and extended through the creative curriculum.

Extending the curriculum

- Children should develop an understanding of the world through first hand experience;
- Wherever possible children will be given opportunities to visit the local area, museums, shops/restaurants and meet with real people to develop their learning and experiences.

Assessment, recording and reporting

- Use of tracking folders to ensure progression of teaching and skills over year groups
- Teachers assess children's work on a continual basis through discussion and questioning, work completed and products made.
- Children are encouraged to self evaluate as a form of self-assessment.

Management and organisation of resources

A wide range of resources to support the teaching and learning of design and technology are available across the school.

Basic resources such as card and glue are kept in classroom whereas resources such as saws are kept in a centralised location.

Health and safety

- Teachers will always teach the safe use of tools and equipment and insist upon good practice.
- Children will be taught to take steps to control risks.
- Glue guns will be used by Key stage 2 children under direct supervision, but only when there is no other appropriate joining technique.
- Children are taught to follow proper food safety and hygiene rules.

Review

This policy will be reviewed on an annual basis.

Last updated: June 2018

Next review: June 2020.